

100 eco naked - SVR100ECO-NKD0500-FXD827020-BLK





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country of origin Australia

accreditations

Australian Made and Owned EESS RCM

warranty

7-year standard 10-year on application

standards

AS/NZS 60598.1:2017 AS/NZS 60598.2.1:2014 AS 60529-2004 IEC/EN 62262:2002+A1:2021 ANSI/IES LM-79-19 ANSI/IES LM-80-21 ANSI/IES TM-21-21

IP66 hermetically sealed light module cassette AT06 security torx tamper-proof fasteners

125 joules impact resistance

range	100 eco naked
product code	SVR100ECO-NKD0500-FXD827020-BLK
description	Aluminium mounting bracket with durable polyester powder coat finish
	Impact-resistant UV-stabilised high-transmission polycarbonate light module diffuser
	Serviceable replaceable and upgradable light module cassette
	Internal socket drive security-torx 304 stainless steel security fasteners
	Integral energy efficient Zhaga compliant Tridonic LED modules and power supply unit
	Direct-fix surface mounted
	1.0 m circular flex connection

applications highly robust surface mounted luminaire that enhances safety and security in challenging environments. a durable construction ensures dependable operation and superior performance under harsh operating conditions; ideal for applications such as transportation, custodial, public areas, and secure healthcare

polar curve



data subject to change without notice. E&OE

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Tridonic

< 700 ms

< 30 ms



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manufacturer

control interface

dimming range switch-on time

switch-off time



(0)





driver

0 0 fixed output 4 L

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rated lifetime	> 100,000 h					
		dimensions [mm]				
		L - length	430			
light source		W - width	105			
manufacturer	Tridonic	H - height	85			
technology	linear LED module					
operating mode	constant current					
delivered lumens	185 lm					
colour rendering index	80	mounting				
correlated colour temperature	2700 K	type	surface mounted			
colour tolerance	3 SDCM	method	direct-fix or wall bracket			
CTI	≥ 600 V	orientation	horizontal or vertical burn	ina nositio	n	
lumen maintenance [L80F10]	> 72,000 h	ononcation		ing posicio		

electrical

rated supply voltage	220 - 240 V		
mains frequency	0 / 50 / 60 Hz		
power consumption	1.67 W		
leakage current	< 700 µA		
in-rush current	13.6 A / 304 µs		
power factor [0.86		
THD	19%		
overvoltage protection	320 V AC / 48 h		
mains surge protection [L-N]	1 kV		
mains surge protection [L/N-PE]	2 kV		

mounting bracket

material	aluminium security mounting bracket
finish	black texture polyester powder coat

light module cassette

material	high-transmission + uv-stabilised extruded polycarbonate [hermetically sealed]
finish	translucent reeded

maximum circuit breaker loads

conductor size	1.5mm²		2.5mm ²		1.5mm²		2.5mm²	
circuit breaker type	C10	C13	C16	C20	B10	B13	B16	B20
luminaire quantity	30	38	46	58	18	23	28	35



NOTE: Tridonic drivers are designed for a life-time as stated when operating under normal reference conditions with a failure probability of < 10%. lifetime declarations do not represent warranty claim. driver is not covered under warranty if it has been opened | maximum circuit breaker values are calculated from inrush current. calculations use typical values from ABB series \$200 as a reference, actual values may differ due to used circuit breaker types and installation environment | photometric data is nominal and intended for general information purposes only it is not to be relied upon nor used in place of photometry files issued by Survivor Lighting Pty Ltd. ± 5% measurement uncertainty | data subject to change without notice. E&OE